



MATERIAL SAFETY DATA SHEET

CLEANER 500

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

CIRCLE SYSTEMS, INC.

479 W. Lincoln, P.O. Box 1228

Hinckley, IL 60520

815-286-3271 / After Hours EMERGENCY RESPONSE: Chem-tel 800-255-3924 Contract# MIS0001649

TRADE NAME: **CLEANER 500**

FORMULA: Liquid Alkaline Detergent

HMIS Rating: Health 0, Flammability 0, Reactivity 0

2. COMPOSITION, INFORMATION ON INGREDIENTS:

<u>MATERIAL</u>	<u>C.A.S. #</u>	<u>%</u>	<u>TLV</u>
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3. HAZARDS IDENTIFICATION:

THRESHOLD LIMIT VALUE: n.a.

EFFECTS OF OVEREXPOSURE: May cause skin irritation to sensitive skin

4. FIRST AID MEASURES:

EYES: Flush with copious amounts of water

SKIN: Flush with water

SEEK MEDICAL ATTENTION IN ALL CASES

INHALATION: Remove subject to fresh air

INGESTION: Do not induce vomiting. Drink large amounts of water.

5. FIRE FIGHTING MEASURES:

FLASH POINT (METHOD USED): n.a.

EXTINGUISHING MEDIA: n.a.

SPECIAL FIRE FIGHTING PROCEDURES: n.a.

FLAMMABLE LIMITS: n.a.

UNUSUAL FIRE AND EXPLOSION HAZARDS: n.a.

6. ACCIDENTAL RELEASE MEASURES:

Wipe up spill with an absorbent material. Rinse area with water and direct to a waste water treatment facility in accordance with federal, state and local regulations.

7. HANDLING AND STORAGE:

Store in a clean area away from excessive heat or cold.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION:

VENTILATION REQUIREMENTS: Local exhaust if OSHA limits are exceeded

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT:

EYE: Safety goggles / Face shield

GLOVES: Recommended - rubber gloves

RESPIRATORY: n.a.

OTHER CLOTHING & EQUIPMENT: n.a.

9. PHYSICAL AND CHEMICAL PROPERTIES:

BOILING POINT: approximately 212°F.

VAPOR PRESSURE: n.a.

VAPOR DENSITY (AIR=1): n.a.

SOLUBILITY IN WATER: Complete

SPECIFIC GRAVITY (H₂O=1): 1.0

% VOLATILE BY VOLUME: n.a.

EVAPORATION RATE (ETHER=1): n.a.

APPEARANCE & ODOR: Clear, light green solution with a slight detergent odor.

10. STABILITY AND REACTIVITY:

STABILITY: Stable

INCOMPATIBILITY: n.a.

HAZARDOUS DECOMPOSITION PRODUCTS: n.a.

HAZARDOUS POLYMERIZATION: Will not occur

11. TOXICOLOGICAL INFORMATION:

TLV (Threshold Limit Value): n.a.

CARCINOGENICITY: Contains no known suspected carcinogens listed with OSHA, IARC, NTP, or ACGIH

12. ECOLOGICAL INFORMATION:

No available data.

13. DISPOSAL CONSIDERATIONS:

Dispose of all the waste material according to applicable federal, state, and local regulations.

14. TRANSPORT INFORMATION:

D.O.T. SHIPPING NAME: Not Regulated

D.O.T. Hazard Class: None

U.N./N.A. Number: None

Canadian Labels: Not Applicable

15. REGULATORY INFORMATION:

TSCA (Toxic Substance Control Act): Components of this product are listed on the TSCA Inventory.

CERCLA (Comprehensive Response Compensation, and Liability Act): NOT Reportable.

SARA TITLE III (Superfund Amendments and Reauthorization Act), SECTION 313 (Reportable Ingredients): No reportable ingredients.

CALIFORNIA PROPOSITION 65: Contains nothing on this list.

16. OTHER INFORMATION:

PREPARED BY: Deborah A. Shreve

TITLE: Vice President/Director of Quality Control

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